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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

			ent's file reference	FOR FURTHER A	CTION	See Notification	n of Transmittal of International
BPCL579857		, our our Line		Preliminary Exa	amination Report (Form PCT/IPEA/416)		
International application No. PCT/GB 03/03565		International filing date 14.08.2003	(day/mon	th/year)	Priority date (day/month/year) 20.08.2002		
Inter	nation	al Pate	ent Classification (IPC) or bo	oth national classification a	and IPC		
	3F10/						
Applicant							
BP CHEMICALS LIMITED et al.							
This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.							
2.	Thia	DED/					
۷.	ms	REP	ORT consists of a total of	of 4 sheets, including the	nis cover	sheet.	
		This	report is also accompar	nied by ANNEXES, i.e.	sheets c	of the description	on, claims and/or drawings which have
		Deei	n amended and are the lack Rule 70.16 and Section	Jasis for this renort and	int enda	te containina ra	otitioatiana mada bafasa kkia A
	The		nexes consist of a total o				
			remote to moior of a total o	oncets.			
3.	This I II IV V VI VII VIII		Lack of unity of invention	opinion with regard to no on nder Rule 66.2(a)(li) wi ons supporting such sta ed nternational application	ovelty, ir th regard ttement		nd industrial applicability ventive step or industrial applicability;
Date of submission of the demand			Date of	completion of thi	s report		
11.0	11.03.2004			30.12.2004			
Name	Name and mailing address of the international preliminary examining authority:			Authorized Officer			
European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465			Balme Telepho	er, J-P one No. +49 89 29	399-8520		

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/GB 03/03565

l. E	Basis	of	the	rep	ort
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1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	Des	cription, Pages					
	1-16		as originally filed				
	Clair	ma Numbara					
		ms, Numbers					
	1-18		as originally filed				
2.	With regard to the language , all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.						
	The	se elements were ava	ilable or furnished to this Authority in the following language: , which is:				
		the language of a trai	nslation furnished for the purposes of the international search (under Rule 23.1(b)).				
		the language of public	cation of the international application (under Rule 48.3(b)).				
		the language of a train Rule 55.2 and/or 55.3	nslation furnished for the purposes of international preliminary examination (under 8).				
з.	. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:						
		contained in the inter	national application in written form.				
		filed together with the	e international application in computer readable form.				
		furnished subsequen	tly to this Authority in written form.				
		furnished subsequen	tly to this Authority in computer readable form.				
		The statement that the in the international approximation of the international approximation of the statement of the statemen	ne subsequently furnished written sequence listing does not go beyond the disclosure oplication as filed has been furnished.				
		The statement that the listing has been furni	ne information recorded in computer readable form is identical to the written sequence shed.				
4.	The	e amendments have re	esulted in the cancellation of:				
		the description,	pages:				
		the claims,	Nos.:				
		the drawings,	sheets:				
5.		This report has been been considered to	n established as if (some of) the amendments had not been made, since they have go beyond the disclosure as filed (Rule 70.2(c)).				
		(Any replacement st report.)	neet containing such amendments must be referred to under item 1 and annexed to this				
_	اء ۸	ditional absorbations	if pagagany				

Additional observations, if necessary:

INTERNATIONAL PRELIMINARY **EXAMINATION REPORT**

International application No.

PCT/GB 03/03565

- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N)

Yes: Claims

Claims No:

Inventive step (IS)

Yes: Claims

Claims No:

1-18

1-18

Industrial applicability (IA)

Yes: Claims

1-18

No: Claims

2. Citations and explanations

see separate sheet

EXAMINATION REPORT - SEPARATE SHEET

Ad section V

Reference is made to the following documents

D1: WO-A-96/28480 D2: WO-A-99/28353 D3: WO-A-97/43323 D4: US-A-5 834 393

Document D2 discloses the preparation of a supported metallocene polymerisation 2. catalyst system wherein a mixture of an alkylaluminum compound with a reactive borate is first contacted to a passivated silica support, followed by contacting with a transition metal compound (metallocene).

According to table 1 the molar ratio between the alkylaluminum and the borate is between 0.1 and 2.0.

The examining division considers that the subject matter of present claim 5 is a simple alternative which does not show any additional unexpected effect over other alkylaluminum compounds used to prepare such catalyst systems.

Accordingly the subject matter of the present invention is not novel over D2 with regard to Article 33(2) PCT.

- As the applicant failed to show an unexpected effect (i.e by comparative examples) by 3. using low ratios of organoaluminum compound / borates compared to higher ratios as disclosed in the documents D1, D3 and D4 the examining division consider the subject matter of the present invention as not involving an inventive step over D1, D3 and/or D4 with regard to Article 33(3) PCT.
- Industrial applicability is acknowledged (Article 33(4) PCT). 4.